

Title (en)

STATOR ASSEMBLY WITH RETENTION CLIP FOR GAS TURBINE ENGINE

Title (de)

STATORANORDNUNG MIT HALTECLIP FÜR GASTURBINENMOTOR

Title (fr)

ENSEMBLE DE STATOR AVEC CLIP DE RÉTENTION POUR MOTEUR À TURBINE À GAZ

Publication

EP 3412873 B1 20200930 (EN)

Application

EP 18176651 A 20180607

Priority

US 201715618903 A 20170609

Abstract (en)

[origin: EP3412873A1] A stator assembly (60) for a gas turbine engine according to an example of the present disclosure includes, among other things, a first shroud (62) that extends about an axis to bound a flow path (FP). The first shroud (62) defines a first shroud opening (68). An airfoil (66) has an airfoil body (66A) that extends from a first end portion (66B). The first end portion (66B) is received in the first shroud opening (68) and defines a retention aperture (66D). A retention clip (72) includes a body (72A) and at least one locking feature (72L). The body (72A) extends between opposed clip end portions (72B, 72C). The at least one locking feature (72L) is compressibly received through the retention aperture (66D), and the at least one locking feature (72L) is decompressible from the body (72A) to define a ramp (72G) sloping towards one of the clip end portions (72B, 72C) to limit movement of the airfoil (66) relative to the first shroud (62) when in the installed position.

IPC 8 full level

F01D 9/04 (2006.01)

CPC (source: EP US)

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